

PENGEMBANGAN *TEACHER'S GUIDE BOOK* BERBASIS *SCIENTIFIC INQUIRY* UNTUK MATERI LAJU REAKSI

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ABSTRAK

Tujuan penelitian ini adalah untuk mengembangkan *Teacher's Guide Book* Berbasis *Scientific Inquiry* untuk Materi Laju Reaksi dan menentukan kualitasnya berdasarkan penilaian lima guru kimia SMA sebagai *reviewer*.

Penelitian ini menggunakan model pengembangan prosedural yang terdiri dari empat tahapan, yaitu tahap perencanaan, pengorganisasian, pelaksanaan, dan penilaian produk. *Teacher's Guide Book* ini ditinjau dan mendapatkan masukan dari dosen pembimbing, *peer reviewer*, ahli materi, ahli media dan dinilai oleh lima *reviewer*. Penilaian dilakukan menggunakan instrumen penilaian berupa angket yang meliputi lima aspek penilaian, yaitu aspek materi/isi, penyajian, kelayakan bahasa, keterlaksanaan dan tampilan dan dijabarkan dalam 24 butir penilaian.

Hasil penelitian berupa produk *Teacher's Guide Book* Berbasis *Scientific Inquiry* untuk Materi Laju Reaksi dan dilengkapi dengan media pembelajaran yang dilampirkan dalam bentuk *Compact Disc* (CD). Berdasarkan penilaian lima *reviewer*, *Teacher's Guide Book* Berbasis *Scientific Inquiry* untuk Materi Laju Reaksi mempunyai kualitas **Sangat Baik (SB)**. Dengan demikian, *Teacher's Guide Book* ini layak digunakan oleh guru sebagai pedoman dalam proses pembelajaran pada materi laju reaksi.

Kata Kunci: Penelitian pengembangan, *Teacher's Guide Book*, laju reaksi, *scientific inquiry*

THE DEVELOPMENT OF TEACHER'S GUIDE BOOK BASED ON SCIENTIFIC INQUIRY FOR THE TOPIC OF REACTION RATE

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ABSTRACT

The purpose of this research was to develop a Teacher's Guide Book Based on Scientific Inquiry for The Topic of Reaction Rate and to determine its quality based on evaluation done by five chemistry teachers from senior high school as reviewers.

This research used procedural model to produce teacher's guide book. This procedure included four steps, namely step of planning, organizing, implementing, and evaluating the product. The teacher's guide book has been reviewed and got advices from the supervisor, peer reviewers, expert of subject content, expert of media and evaluated by five reviewers. The questionnaire that included five aspect of the assesment, namely aspect of the matter/content, presentation aspect, language aspect of feasibility, enforceability aspect and aspect of display with 24 ratings was used to evaluate the product.

The result of research was a Teacher's Guide Book Based on Scientific Inquiry for The Topic of Reaction Rate with instructional media which was attached into Compact Disc (CD) and the data of teacher's guide book quality. Based on evaluation done by five reviewers, the quality of teacher's guide book is a **very good**. Thus, the teacher's guide book was suitable for use in teaching materials of reaction rate.

Keywords: Research development, Teacher's Guide Book, reaction rate, scientific inquiry